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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/487,712	01/19/2000	Yutaka Iyoki	P18943	3484

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EXAMINER

NGUYEN, QUANG N

ART UNIT PAPER NUMBER

2141

DATE MAILED: 03/24/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/487,712

Applicant(s)

IYOKI, YUTAKA

Examiner

Quang N. Nguyen

Art Unit

2141

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 January 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 17-42 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 17-42 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other:

DETAILED ACTION

1. Claims 17-42 are presented for examination. Claims 1-16 have been cancelled.
Claims 17-42 have been added.

Specification

2. The disclosure is objected to because of the following informalities:

The description of the preferred embodiment on

Page 12 Line 8, "HOMEhtm 1535" should be "HOME html 535";

Page 12 Line 9, "result 1532" should be "result 532";

Page 12 Line 10, "notebook htm 1533." Should be "notebook html 533.";

Page 12 Line 16, 19-20, "HOMEhtm 1534" should be "HOME html 535";

Page 14 Line 22, 24 and Page 15, Line 3, 5, "HOMEhtml" should be
"HOME html";

Page 23 Line 10, "HOMEhtm1535" should be "HOME html 535".

Appropriate correction is required.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 17-42 are rejected under 35 U.S.C. 103(a) as being unpatentable over Grasso et al. (US 5,892,909), herein after referred as Grasso, in view of Greenfield et al (US 6,438,600), herein after referred as Greenfield.

5. As to claims 17, Grasso teaches a communication system allowing users to manage the distribution and delivery of information across an enterprise Intranet, the Internet, and common communication channels (e.g., printers, fax, pager and e-mail) comprising:

- a storage device that stores application software/programs/files for execution by the system (Grasso, mass storage 107 of Fig. 1A, C6: L33-35 and L59-65);

- a server that transmits said HTML file stored in said storage device to at least one terminal, of said plurality of terminals, in accordance with a request for said HTML file from said at least one terminal, i.e., distributing/delivering information across the Internet, wherein Java and HTML objects and forms are used to communicate across the Internet and a common carrier (Grasso, Fig. 1C and corresponding text, C12: L20-55);

- a controller that receives a request for said reception notification from said at least one terminal and establishes a connection with said at least one terminal (Grasso, C12: L24-55);

a receiver that receives predetermined data via a communication link (Grasso, C11: L60-64);

a detector that detects reception of said predetermined data by said receiver (an e-mail system as SMTP/POP3 or MAPI-compliant mail system has a detector for detecting reception of new coming e-mails, for example, a pop-up message window with text message "You Got Mail" or an alert sound being played); and

a reception notification transmitter that transmits said reception notification to said at least one connected terminal via the network when said applet included in said HTML file performs said connection by said controller and transmits said reception notification by said reception notification transmitter (Grasso, C9: L38-50, C16: L10-21, and C18: L1-7).

However, Grasso does not explicitly teach the file is a HTML file including an applet.

In the related art, Greenfield teaches when a web page is retrieved from a Web server and downloaded to a client machine, the page may contain HTML with embedded applet and when the Web browser at the client machine accesses and processes a Web page containing an applet, the applet's code is executed (Greenfield, C2: L7-29).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the teachings of Grasso and Greenfield to use embedded applet executed within a Web browser because it would allow users to create the dynamically executable content Web page.

6. As to claim 18, Grasso-Greenfield teaches the apparatus of claim 17, wherein said predetermined data received by said receiver comprises image data, i.e., distribution object 1267 is an image file (Grasso, C17: L1-9 and C24: L36-46);

7. As to claim 19, Grasso-Greenfield teaches the apparatus of claim 18, wherein said image data comprises electronic-mail data transmitted via the Internet (Grasso, C11: L60-65, C12: L45-55 and C27: 40-46).

8. As to claim 20, Grasso-Greenfield teaches the apparatus of claim 18, wherein said image data comprises facsimile image data (Grasso, C12: L45-67, C13: L1-8, C15: L62-63 and C18: L2-3).

9. As to claims 21-22, Grasso-Greenfield teaches the apparatus of claim 17, wherein said communication link comprises a Public Switched Telephone Network (PSTN), i.e., dial-up IP access (Grasso, C11: L60-65).

10. As to claim 23, Grasso-Greenfield teaches the apparatus of claim 17, wherein said applet determines whether a request for said reception notification is valid (i.e., when the notification policy is the deliver policy, transmit the notification and stop transmit the notification when there is a no action policy), said reception notification being transmitted to said at least one connected terminal when said request for said reception notification is determined to be valid (Grasso, C18: L20-22).

11. As to claims 24-25, Grasso-Greenfield teaches the apparatus of claim 17, further comprising an imaging device, i.e., the printer that displays said predetermined data received by said receiver (Grasso, printing device 108 of Fig. 1A, C6: L52-54).

12. As to claim 26, Grasso-Greenfield teaches the apparatus of claim 17, wherein said controller closes the connection with said at least one connected terminal in accordance with an end request transmitted by said at least one connected terminal (Grasso, C26: L48-67 and C27: L1-14).

13. As to claim 27, Grasso-Greenfield teaches the apparatus of claim 17, wherein said HTML file is displayed at said at least one terminal, i.e., at the display device 106 of Fig. 1 (Grasso, Figs. 4D-4E, C20: L47-67 and C21: L1-14).

14. Claims 28-33 are corresponding method claims of claims 17-19, 22-23 and 26; therefore, they are rejected under the same rationale.

15. Claims 34-42 are corresponding method claims of claims 28-33; therefore, they are rejected under the same rationale.

16. Applicant's request for reconsideration as well as arguments filed on 06/28/2002 have been fully considered but they are moot in view of the new ground(s) of rejection.

17. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

18. A shortened statutory period for reply to this action is set to expire THREE (3) months from the mailing date of this communication. See 37 CFR 1.134.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quang N. Nguyen whose telephone number is (703) 305-8190.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's primary, Le H. Luu, can be reached at (703) 305-9650. The fax phone numbers for the organization is (703) 746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3800/4700.

Quang N. Nguyen

A handwritten signature in black ink, appearing to read 'Le Hien Luu', is written over a horizontal line.

LE HIEN LUU
PRIMARY EXAMINER